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PTO/SB/21 (08-00) Please type a plus sign inside this box Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/874,930 **Application Number** RANSMITTAL Filing Date June 5, 2001 Jiangfeng Wu First Named Inventor Group Art Unit 2681 used for all correspondence after initial filing) Not Yet Assignation logy Center 2600 **Examiner Name** 47586/P052US/10103484 Attorney Docket Number Total Number of Pages in This Submission ENCLOSURES (check all that apply) After Allowance Communication Assignment Papers Fee Transmittal Form to Group (for an Application) Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Licensing-related Papers Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition Proprietary Information After Final Petition to Convert to a Provisional Status Letter Affidavits/declaration(s) Application Power of Attorney, Revocation Other Enclosure(s) **Extension of Time Request** (please identify below) Change of Correspondence Address 11 cited references Terminal Disclaimer **Express Abandonment Request** Return Postcard x | Information Disclosure Statement Request for Refund Certified Copy of Priority CD, Number of CD(s) Document(s) Response to Missing Parts/ Remarks Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm FULBRIGHT & JAWORSKI L.L.P. R. Ross Viguet Individual Name Signature Date March 25, 2002

Transmittal
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an

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Dated: March 25, 2002

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Dated: March 25, 2002 Signature:

Docket No.: 47586/P052US/10103484 (PATENT)



For:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of: TRADS angfeng Wu, et al.

Application No.: 09/874,930

Group Art Unit: 2681 Technology Center 2600

Examiner: Not Yet Assigned

Filed: June 5, 2001

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INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents Washington, DC 20231

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned.

A copy of each reference on PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is:

[X]	not given
[]	given for each listed item
[]	given for only non-English language listed items

Application No.: 09/874,930 Docket No.: 47586/P052US/10103484

[] in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 06-2380. A duplicate copy of this paper is enclosed.

Dated: March 25, 2002

Respectfully submitted,

R. Ross Viguet

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Zav.

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO			-		Complete if Known	
				Application Number	09/874,930	7
INFORMATION DISCLOSURE				Filing Date	June 5, 2001	111
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Jiangfeng Wu App	TED
				Art Unit	2681	ma
(use as many sheets as necessary)			necessary)	Examiner Name	Not Yet Assigned Echnology	- 702
Sheet	1	of	1	Attorney Docket Number	47586/P052US/10103484	ei 260n

U.S. PATENT DOCUMENTS						
		Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	of Cited Document	Passages or Relevant Figures Appear	
_	AA	5,471,647	11/28/95	Gerlach et al.		
	AB	5,634,199	05/27/97	Gerlach et al.		
	AC	60/218,905	07/18/00	Wong et al.		
	AD	6,108,565	08/22/00	Scherzer		
	AE	60/237,951	10/03/00	Wu et al.		
	AF	09/874,932	06/05/01	Wong et al.		
	AG	6,347,234	02/12/02	Scherzer		

	FOREIGN PATENT DOCUMENTS					
Examiner	Cite No.1	Foreign Patent Document Country Code³-Number⁴-Kind Code⁵ (if known) Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
Initials*			MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T _e

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
	CA	Increasing the capacity of GSM cellular radio using adaptive antennas, M.C. Wells, IEE ProcCommun., Vol 143, No. 5, October 1996	3				
	СВ	Adaptive Antennas for GSM and TDMA Systems, Anderson, et al., IEEE Personal Communications, June 1999					
	СС	CDMA/HDR: A Bandwidth Efficient High Speed Wireless Data Service for Nomadic Users, Bender, et al., August 25, 1999	,				
	CD	TIA/EIA/IS-2000.2-A-1, Prepared by Technical Specification Group C of the Third Generation Partnership Project 2 (3GPP2), a revision of the Telecommunications Industry Association Standard TIA/EIA/IS 2000.2 (Only the Contents, Figures and Tables pages are enclosed with this filing. This document is 452 pages long. Upon Examiner's request, a full copy will be provided.)					

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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